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# Analysis of the Professional Ability of the Lantern Art Talents in Zigong

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#### **Abstract**

This paper focuses on the important role of art talents in Zigong lantern culture industry and its core value. Taking the specific needs of art talents in lantern design and production as the main research content, this paper focuses on the deconstruction of three professional abilities of art theory, industry common sense and practical skills, so as to provide useful reference for the cultivation of Zigong lantern art talents.

## **Keywords**

Zigong Lantern; Fine Arts Talents; Professional Ability.

#### 1. Introduction

As a master of Chinese folk lanterns, the national intangible cultural heritage "Zigong Lantern Fair" is famous for its artistic features of "moving shapes, colors, sounds and lights, tall, new and strange, exquisite and exquisite workmanship" and its unique charm of blending lights and scenes. It is known as "the first lantern in the world". However, the reason why Zigong lantern lights can get people's love and recognition under its good name is closely related to the art talents who devote themselves to sit silently and engage in behind-the-scenes work. From creativity to design, from lofting to production, from layout to installation, lantern artists embody their efforts and painstaking efforts in every aspect of lantern making, showing their aesthetic wisdom and literary accomplishment. Art talents are the backbone of Zigong lanterns' non-genetic inheritance and innovation. They are the masters of the whole picture and control the details in the form and spirit representation.

Therefore, qualified lantern artists are not merely qualified to draw or describe, but should understand relevant literary and art theories, familiar with the general knowledge of the industry, proficient in practical skills, and then form a relatively complete knowledge system, in order to meet the corresponding requirements of employment.

## 2. Literary theory is the source of art

## 2.1 Review the knowledge of literature and history, and make use of colorful lantern.

The choice of visual elements is the core of the creativity and the form carrier of its connotation. The choice of the most representative visual elements to complete the creative, is conducive to the clear and complete expression of the lantern theme, so as to give the lantern fresh soul. If the lantern designers do not understand the history of Chinese and Western culture, and do not study the soil of the budding development of the lantern--Chinese traditional culture and its visual carrier, they will not be able to understand the symbolic meaning contained therein, and they will not know what to do with the choice of visual elements, so it is difficult to accurately express the creativity of the lantern and shape the soul of the lantern.

## 2.2 Be familiar with the art design theory to facilitate the design of colored lantern.

The colored lantern is a comprehensive artistic expression form based on the vision, and the visual appearance is an important criterion to judge the merits of the colored lantern. The core of artistic design theory research is the integration of aesthetics and function. Specifically, the design of colored lantern is to solve the coordination and unity among the theme, appearance, display environment and display form of colored lantern. On the study of the theory of art and design, can let the appearance of the lantern modelling, color is tie-in, combination structure, layout, installation, interactive way

according to the can depend on, make the lights accord with the aesthetic law of art and design work, be apt, light scene blend, interesting interactive, entertaining, so as to better realize the value of its aesthetic value and function.

## 3. It is necessary to be familiar with the general knowledge of the industry

#### 3.1 Familiar with industry terms, easy to communicate and cooperate.

After years of development, Zigong lantern has formed the rule of making lantern with art talents as the core and multi-work cooperation, and subsequently produced a set of conventional industry terms, which are widely used in the process of designing and making colored lantern. Such as "sampling", "lead wire", "color" and other lantern terms, or such as "8#", "10#", "12#" and other wire models, if art workers do not understand the meaning of these special words, in the process of making the lantern will appear a lot of communication problems, hinder the communication and collaboration between various types of work, and then affect the efficiency of making the lantern. Therefore, to be familiar with industry terms is a compulsory course for lantern art talents.

#### 3.2 Understand the properties of materials and make good use of them.

Zigong lanterns involve a wide range of lighting materials. Any material that can highlight the theme of the lanterns, enhance the visual beauty and enhance the artistic value can be used by Zigong lanterns. Therefore, a wide understanding of light materials, especially the functional characteristics of commonly used materials, in order to more reasonably apply it to the production of colored lantern, so as to give full play to the visual characteristics of different materials, wooden raw materials into clever artistic colored lantern.

#### 3.3 Be familiar with the technological process and guide the production of colored lantern.

Zigong lantern has developed up to now. Through the experience of all generations of lantern owners, it has formed a set of lantern making specifications with the basic process of "lofting", "sampling", "modeling", "electricity distribution", "color separation", "beautification" as the basic process. Each part has its own technological characteristics. On the basis of being familiar with the process flow of lantern making, art workers should take part in and guide every link of lantern making in combination with their own artistic quality. Lantern workers in the process, system according to the technological characteristics of each process clear division of labor, do their job, but limited to art accomplishment, their lantern stereo modelling, color is tie-in, beautification adornment, light source combination and the dynamic display and so on, the lights of the soul in aesthetic level beyond the work, only under the guidance of art workers, mechanical completion of all kinds of basic system lights work; Art talents work independently in specific links such as "lofting", "color separation" and "beautification", guide their work in other lantern making links, and integrate the relatively fragmentary lantern making work of each process into a systematic lantern making project. Therefore, in order to better tandem team work, art workers familiar with each lantern process is of course, very necessary.

In addition, with the rapid development of modern science and technology, such as: LED light source, 3D printing skeleton, holographic projection and other new materials, new technologies continue to emerge. As the lantern art talents, we need to keep the pioneering spirit of keeping pace with The Times. On the basis of fully understanding the characteristics of new materials and new technologies, we should combine them organically with traditional welding and binding technologies, and reasonably apply them to the production of lanterns. Only in this way can we better realize the connotation inheritance and form innovation of Zigong lanterns.

#### 4. Mastering practical skills is the foundation of starting a career

The main job of lantern artists is to design and make lanterns, and the core value is to control the theme and visual appearance of lanterns through skilled practical skills. If there is no solid basic art skills and skilled software operation skills, it will not be able to be competent for Zigong lantern art work.

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#### 4.1 Specialized in hand-drawing skills, so as to concentrate and gather shapes.

The importance of hand-drawing skills for graphic visual expression need not be repeated, it is the most basic professional accomplishment of art talents. In the process of designing and making colored lantern, the key steps of making lantern, such as sketching creativity, hard ground lofting and beautifying and decorating, are all involved in hand-drawing. Those with outstanding hand drawing ability can express the creative theme accurately and fully on the colored lantern sketch, or condenses the aesthetic concept in the colored lantern modeling appropriately and vividly. There is no doubt that hand-drawing skills are of great importance to Zigong lantern art talents.

## 4.2 Be familiar with the shape of silk frame to guide the construction.

As the core technology of Zigong colored lantern, wire frame modeling is mainly used as the raw material of iron wire or steel bar, and through manual welding, the three-dimensional processing of metal wire is completed in a form similar to the three-dimensional structure of computer model, so as to obtain the modeling outline of colored lantern. The accuracy of the shape of the wire frame is directly related to the visual aesthetic feeling of the lantern, which needs to be completed by electric welders under the guidance of art professionals. Therefore, it is an indispensable professional skill for lantern art talents to fully study the three-dimensional structure and combination form of all kinds of lantern materials, and to be familiar with the technical principle of silk frame modeling and the law of silk drawing. Only in this way can we correctly guide the modeling work of colored lantern in the actual lantern making process.

## 4.3 Be good at computer graphics, so as to meet the needs of the time.

In the production process of Zigong colored lantern, it involves effect drawing, construction drawing, demonstration animation, printing and lofting, printing fabric and other operational links, which need to be completed with the help of various computer software to varying degrees. Although some of the content can be replaced by hand drawing, the former is more artistic than computer software, while the latter is more precise, standard, normative and efficient. In terms of the actual lighting project, due to the time limit and the limitations of various standards and specifications, colorful lighting enterprises in order to comply with the market demand, or more use of computer software to complete the corresponding lighting operations. Therefore, CG expression skills are essential and crucial for Zigong lantern art talents.

#### 5. Conclusion

To sum up, the dependence of Zigong lantern on art talents is obvious. As a lantern artist, he/she needs to have three professional abilities, namely, literary theory, industrial knowledge and practical skills, in order to enter the threshold of employment. At the same time, for the construction of knowledge system must not be limited to this, there should be such as: lantern brand design, brand promotion, derivatives, lantern show planning, communication skills, project management, materials budget, lantern culture the international spread of related fields such as basis, further enrich their own knowledge reserves, improve business comprehensive ability, can adapt the integration of supply and demand in the future market changes, and power transmission of Zigong lantern innovation, realize the healthy and sustainable development.

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